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SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Pinchus Safran Examiner #: _____ Date: 5/2
Art Unit: 2100 Phone Number 305-4160 Serial Number: 09/771010
Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

5,864,714

STAFF USE ONLY	Type of Search	Vendors and cost where applicable
Searcher: <u>N Cogdell</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>6-4160</u>	AA Sequence (#) _____	Dialog <u>X</u> _____
Searcher Location: <u>EIC 2100</u>	Structure (#) _____	Questel/Orbit <u>X</u> _____
Date Searcher Picked Up: <u>5/2</u>	Bibliographic <u>X</u> _____	Dr. Link _____
Date Completed: <u>5/2</u>	Litigation _____	Lexis/Nexis <u>X</u> _____
Searcher Prep & Review Time: <u>2</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: <u>—</u>	Patent Family _____	WWW/Internet _____
Online Time: <u>5</u>	Other _____	Other (specify) _____

2/9/1
DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat
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13903163

Basic Patent (No,Kind,Date): WO 9739409 A1 19971023 <No. of Patents: 008>

PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9723057 A1 19971107
COMMUNICATIONS SYSTEM UTILIZING NON-FIXED BUFFER SIZE (English)
Patent Assignee: COMSYS COMMUNICATION & SIGNAL
Author (Inventor): TAL NIR; COHEN RON; COLLIN ZEEV
Priority (No,Kind,Date): WO 97IL123 W 19970413; US 632931 A
19960416
Applic (No,Kind,Date): AU 9723057 A 19970413
IPC: * G06F-013/00
Derwent WPI Acc No: * G 97-526672
Language of Document: English

GERMANY (DE)

Patent (No,Kind,Date): DE 19781701 T 19990325
DATENUEBERTRAGUNGSSYSTEM MIT NICHT FESTGELEGTER PUFFERGROESSE (German)
Patent Assignee: COMSYS COMMUNICATION & SIGNAL (IL)
Author (Inventor): TAL NIR (IL); COHEN RON (IL); COLLIN ZEEV (IL)
Priority (No,Kind,Date): WO 97IL123 W 19970413; US 632931 A
19960416
Applic (No,Kind,Date): DE 19781701 A 19970413
IPC: * G06F-013/10; G06F-009/46; H04L-012/54
Derwent WPI Acc No: * G 97-526672
Language of Document: German

GERMANY (DE)

Legal Status (No,Type,Date,Code,Text):
DE 19781701 P 19990325 DE RET PCT-APPLICATION TRANSLATED
(PART 6B PATENT GAZETTE) (PCT-UEBERSETZUNG
(ABSCHNITT 6B))
WO 9739409 P 19990325
DE 19781701 P 20000921 DE 8127 NEW PERSON/NAME/ADDRESS OF
THE APPLICANT (AENDERUNG IN PERSON, NAMEN,
ODER WOHNORT DES ANMELDERS)
CONEXANT SYSTEMS, INC., NEWPORT BEACH,
CALIF., US

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 954793 A1 19991110
COMMUNICATIONS SYSTEM UTILIZING NON-FIXED BUFFER SIZE (English; French;
German)
Patent Assignee: COMSYS COMMUNICATION & SIGNAL (IL)
Author (Inventor): TAL NIR (IL); COHEN RON (IL); COLLIN ZEEV (IL)
Priority (No,Kind,Date): WO 97IL123 W 19970413; US 632931 A
19960416
Applic (No,Kind,Date): EP 97915665 A 19970413
Designated States: (National) DE; FR; GB
IPC: * G06F-013/00
Derwent WPI Acc No: * G 97-526672
Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):
EP 954793 P 19960416 EP AA PRIORITY (PATENT
APPLICATION) (PRIORITAET (PATENTANMELDUNG))
US 632931 A 19960416
EP 954793 P 19970413 EP AA PCT-APPLICATION
(PCT-ANMELDUNG)
WO 97IL123 W 19970413
EP 954793 P 19970413 EP AE EP-APPLICATION

EP 954793 P 19991110 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTEN VERTRAGSSTAATEN)

DE FR GB
EP 954793 P 19991110 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)

EP 954793 P 19991110 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
19981102

EP 954793 P 20000126 EP RAPI APPLICANT REASSIGNMENT (CORRECTION) (ANMELDER UEBERTRAGUNG (KORR.))

CONEXANT SYSTEMS, INC.

GREAT BRITAIN (GB)

Patent (No,Kind,Date): GB 9821561 A0 19981125
COMMUNICATIONS SYSTEM UTILIZING NON-FIXED BUFFER SIZE (English)

Patent Assignee: COMSYS COMMUNICATION AND SIGNAL

Priority (No,Kind,Date): WO 97IL123 W 19970413; US 632931 A
19960416

Applic (No,Kind,Date): GB 9821561 A 19981002

Derwent WPI Acc No: * G 97-526672

Language of Document: English

JAPAN (JP)

Patent (No,Kind,Date): JP 2000508852 T2 20000711
Priority (No,Kind,Date): WO 97IL123 W 19970413; US 632931 A
19960416

Applic (No,Kind,Date): JP 97536916 A 19970413

IPC: * H04L-029/10; G06F-013/00; H04L-013/08; H04M-011/00

Derwent WPI Acc No: * G 97-526672

Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5864714 A 19990126
COMMUNICATION SYSTEM WHICH DYNAMICALLY SWITCHES SIZES OF SAMPLE BUFFER BETWEEN FIRST SIZE FOR QUICK RESPONSE TIME AND SECOND SIZE FOR ROBUSTNESS TO INTERRUPT LATENCY (English)

Patent Assignee: COMSYS COMMUNICATION & SIGNAL (IL)

Author (Inventor): TAL NIR (IL); COHEN RON (IL); COLLIN ZEEV (IL)

Priority (No,Kind,Date): US 632931 A 19960416

Applic (No,Kind,Date): US 632931 A 19960416

National Class: * 395876000; 395872000; 395838000; 342057000;
364705050

IPC: * G06F-013/00

Derwent WPI Acc No: * G 97-526672

Language of Document: English

Patent (No,Kind,Date): US 6108720 A 20000822

ECHO CANCELING MODEM WHICH DYNAMICALLY SWITCHES SIZES OF SAMPLE BUFFER BETWEEN FIRST SIZE FOR QUICK RESPONSE TIME AND SECOND SIZE FOR ROBUSTNESS TO INTERRUPT LATENCY (English)

Patent Assignee: CONEXANT SYSTEMS INC (US)

Author (Inventor): TAL NIR (IL); COHEN RON (IL); COLLIN ZEEV (IL)

Priority (No,Kind,Date): US 163054 A 19980929; US 632931 A3
19960416

Applic (No,Kind,Date): US 163054 A 19980929

Addnl Info: 5864714 Patented

National Class: * 710020000; 710015000; 710018000; 710052000;
710056000; 370282000; 370286000; 379406000; 379410000; 375222000

IPC: * G06F-013/00; H04B-001/44; H04B-001/38; H04M-001/00; H04L-005/16

Derwent WPI Acc No: * G 97-526672

Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5864714	P	19960416 US AE APPLICATION DATA (PATENT) (APPL. DATA (PATENT)) US 632931 A 19960416
US 5864714	P	19960715 US AS02 ASSIGNMENT OF ASSIGNOR'S INTEREST COMSYS COMMUNICATION & SIGNAL PROCESSING LTD. 15 MASKIT STREET HERZLIA, ISRAEL 4 ; TAL, NIR : 19960521; COHEN, RON : 19960521; COLLIN, ZEEV : 19960521
US 5864714	P	19990112 US AS02 ASSIGNMENT OF ASSIGNOR'S INTEREST CONEXANT SYSTEMS, INC. DEPARTMENT 876, MAIL CODE 510-900 4311 JAMBOREE ROAD NEWP ; COMSYS COMMUNICATION & SIGNAL PROCESSING LTD. : 19981210
US 5864714	P	19990126 US A PATENT
US 5864714	P	20010313 US RF REISSUE APPLICATION FILED (REISSUE APPL. FILED) 20010126
US 6108720	P	19960416 US AA PRIORITY US 632931 A3 19960416
US 6108720	P	19980929 US AE APPLICATION DATA (PATENT) (APPL. DATA (PATENT)) US 163054 A 19980929
US 6108720	P	20000822 US A PATENT

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9739409 A1 19971023

COMMUNICATIONS SYSTEM UTILIZING NON-FIXED BUFFER SIZE (English)

Patent Assignee: COMSYS COMMUNICATION & SIGNAL (IL)

Author (Inventor): TAL NIR; COHEN RON; COLLIN ZEEV

Priority (No,Kind,Date): US 632931 A 19960416

Applic (No,Kind,Date): WO 97IL123 A 19970413

Designated States: (National) AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY;
CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GE; HU; IL; IS; JP; KE;
KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX;
NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; TJ; TM; TR; TT; UA; UG;
UZ; VN; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM (Regional) GH; KE; LS;
MW; SD; SZ; UG; AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU;
MC; NL; PT; SE; BF; BJ; CF; CG

Filing Details: WO 130000 With international search report; Before
expiration of time limit for amending the claims and to be
republished in the event of the receipt of the amendments

IPC: * G06F-013/00

Derwent WPI Acc No: * G 97-526672; G 97-526672

Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Legal Status (No,Type,Date,Code,Text):

WO 9739409	P	19960416 WO AA PRIORITY (PATENT) US 632931 A 19960416
WO 9739409	P	19970413 WO AE APPLICATION DATA (APPL. DATA) WO 97IL123 A 19970413
WO 9739409	P	19971023 WO AK DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED STATES CITED IN A PUBLISHED APPL. WITH SEARCH REPORT) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN AM AZ BY KG KZ MD RU TJ TM
WO 9739409	P	19971023 WO AL DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)

GH KE LS MW SD SZ UG AT BE C DE DK ES FI FR
GB GR IE IT LU MC NL PT SE BF BJ CF CG

WO 9739409 P 19971023 WO A1 PUBLICATION OF THE
INTERNATIONAL APPLICATION WITH THE
INTERNATIONAL SEARCH REPORT (PUB. OF THE
INTERNATIONAL APPL. WITH THE INTERNATIONAL
SEARCH REPORT)

WO 9739409 P 19980114 WO 121 EP: PCT APP. ART. 158 (1)
(EP: PCT ANM. ART. 158 (1))

WO 9739409 P 19980129 WO DFPE REQUEST FOR PRELIMINARY
EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH
MONTH FROM PRIORITY DATE

WO 9739409 P 19990325 WO RET DE TRANSLATION (DE OG PART
6B)
DE 19781701 P 19990325

WO 9739409 P 19991016 WO NENP NON-ENTRY INTO THE NATIONAL
PHASE IN:
CA

LEVEL 1 OF 1 PATENT

5,864,714

<=2> GET 1st DRAWING SHEET OF 5

Jan. 26, 1999

LEXIS-NEXIS
Library: PATENT
File: ALL

Communication system which dynamically switches sizes of sample buffer between first size for quick response time and second size for robustness to interrupt latency

REISSUE: Reissue Application filed Jan. 26, 2001 (O.G. Mar. 13, 2001) Ex. Gp.: 2782; Re. S.N. 09/771,010

CORE TERMS: buffer, sample, slice, modem, processing, interrupt, echo, latency, canceler, transmitted...

5864714 OR 5,864,714

LIS-NEXIS
Library: PATENT
File: CASES

Your search request has found no CASES.

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To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

5864714 OR 5,864,714

LEXIS-NEXIS
Library: PATENT
File: JNLS

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For further explanation, press the H key (for HELP) and then the ENTER key.

5864714 OR 5,864,714

LEXIS-NEXIS
Library: NEWS
File: CURNWS

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To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

1/3 LGST (1/1) - (C) LEGSTAT
PN - US 5864714 [US5864714]
AP - US 632931/96 19960416 [1996US-0632931]
DT - US-P
ACT - 19960416 US/AE-A
APPLICATION DATA (PATENT)
(US 632931/96 19960416 [1996US-0632931])
- 19960715 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
COMSYS COMMUNICATION & SIGNAL PROCESSING LTD. 15 MASKIT STREET
HERZLIA, ISRAEL 4 * TAL, NIR : 19960521; COHEN, RON : 19960521;
COLLIN, ZEEV : 19960521
- 19990112 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
CONEXANT SYSTEMS, INC. DEPARTMENT 876, MAIL CODE 510-900 4311 JAMBOREE
ROAD NEWP * COMSYS COMMUNICATION & SIGNAL PROCESSING LTD. : 19981210
- 19990126 US/A
PATENT
- 20010313 US/RF
REISSUE APPLICATION FILED
20010126
UP - 2001-12

2/3 CRXX (1/1) - (C) CLAIMS/RRX
AN - 3103503
PN - 5,864,714 A 19990126 [US5864714]
PA - Comsys Communication and Signal Processing Ltd IL
PT - E (Electrical)
ACT - 20010126 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010313
REISSUE REQUEST NUMBER: 09/771010
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2782

Reissue Patent Number:

UP - 2001-11
UACT- 2001-03-13

3/3 PAST (1/1) - (C) PAST
AN - 200111-001330
PN - 5864714 A [US5864714]
DT - A (UTILITY)
OG - 2001-03-13
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED